## AMENDMENTS TO THE CLAIMS

1-25.  (Cancelled)

26.  (New) A method for performing textured mapping of a target area, the method

comprising the steps of:

providing a user interface that allows a user to select placement of aperiodic tiles on a

texture image;

based on said placement, generating textured tiles; and

covering said target area in an aperiodic tiling pattern with said textured tiles.

27.  (New) The method of claim 26, further comprising the step of:

receiving input that defines said texture image.

28.  (New) The method of claim 26, wherein said step of covering said target area in said

aperiodic tiling pattern with said textured tiles includes the step of:

placing said textured tiles in an overlapping configuration on said target area.

29.  (New) A method for performing textured mapping of a target area, the method

comprising the step of:

covering said target area in an aperiodic tiling pattern with tiles generated from a texture

image;

wherein said step of covering said target area in said aperiodic tiling pattern includes the

step of placing said tiles in an overlapping configuration on said target area.

30.  (New) The method of claim 29, further comprising the step of:

2    receiving input that defines said texture image.

1   31.   (New) A computer-readable medium carrying one or more sequences of instructions for

2    performing textured mapping of a target area, wherein execution of the one or more

3    sequences of instructions by one or more processors causes the one or more processors to

4    perform the steps of:

5    providing a user interface that allows a user to select placement of aperiodic tiles on a

6       texture image;

7    based on said placement, generating textured tiles; and

8    covering said target area in an aperiodic tiling pattern with said textured tiles.

1   32.   (New) The computer-readable medium of claim 31, wherein said execution causes said

2    one or more processors to perform the step of:

3    receiving input that defines said texture image.

1   33.   (New) The computer-readable medium of claim 31, wherein said step of covering said

2    target area in said aperiodic tiling pattern includes the step of:

3    placing said textured tiles in an overlapping configuration on said target area.

1   34.   (New) A computer-readable medium carrying one or more sequences of instructions for

2    performing textured mapping of a target area, wherein execution of the one or more

3    sequences of instructions by one or more processors causes the one or more processors to

4    perform the step of:

5    covering said target area in an aperiodic tiling pattern with tiles generated from a texture

6       image;

7       wherein said step of covering said target area in said aperiodic tiling pattern includes the

8               step of placing said tiles in an overlapping configuration on said target area.

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1   35.   (New) The computer-readable medium of claim 34, wherein said execution causes said

2       one or more processors to perform the step of:

3       receiving input that defines said texture image.